

Kinetic and equilibrium parameters of [4+2] cycloaddition reaction of 2,6-dimethylnaphthalene with 4-phenyl-1,2,4-triazoline-3,5-dione

Kiselev V., Kashaeva E., Potapova L., Kornilov D., Konovalov A.
Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

© 2014 Springer Science+Business Media New York. Kinetic parameters of forward and retro Diels-Alder reactions between 2,6-dimethylnaphthalene and 4-phenyl-1,2,4-triazolinedione were determined, as well as the equilibrium parameters of the reaction in 1,2-dichloroethane.

<http://dx.doi.org/10.1007/s11172-014-0506-x>

Keywords

2,6-dimethylnaphthalene, 4-phenyl-1,2,4-triazolinedione, Diels - Alder reaction, equilibrium, reaction rate